

CLAIM(S)

What is claimed is :

- 5 1. A stabilized fluoropolymer aqueous dispersion, wherein the stabilizer is polysiloxane polyoxyalkylene copolymer.
2. The dispersion of claim 1 wherein said copolymer is present in an effective amount to provide the stabilization of said dispersion.
- 10 3. The dispersion of claim 2 wherein the amount of said stabilizer present is at least 2% based on the total weight of said fluoropolymer.
- 15 4. The dispersion of claim 1 wherein said stabilizer has the formula $R'[(R_2SiO)_y]_a-[(C_nH_{2n}O)_x]_bR''$, wherein R and R' are hydrocarbyl groups, R'' is a hydrogen or a hydrocarbyl group, y is an integer of at least 2, a is an integer of at least 1, n is an integer of at least 2, x is an integer of at least 3, and b is an integer of at least 1.
- 20 5. The dispersion of claim 1 wherein the concentration of said fluoropolymer in said dispersion prior to the addition of stabilizer thereto is from 20 to 55 wt% based on the total weight of said dispersion prior to addition of said stabilizer to said dispersion.
- 25 6. The dispersion of claim 5 wherein said dispersion also contains dispersing agent that provides said dispersion prior to the addition of said stabilizer to said dispersion.
- 30 7. The dispersion of claim 1 wherein said fluoropolymer is polytetrafluoroethylene.
8. The dispersion of claim 1 wherein said copolymer has a cloud point of no greater than 25°C